

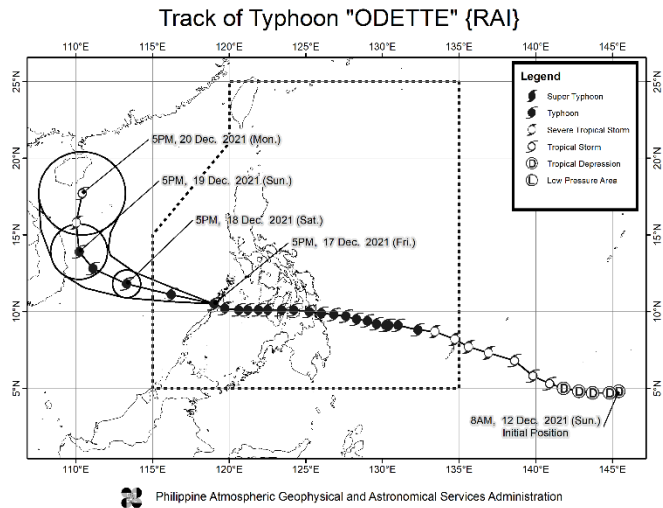


**TROPICAL CYCLONE BULLETIN NO. 21**  
**Typhoon "ODETTE"**

Issued at 8:00 PM, 17 December 2021  
 Valid for broadcast until the next bulletin at 11:00 PM today

**"ODETTE" IS NOW MOVING WEST NORTHWESTWARD OVER THE WEST PHILIPPINE SEA.**

<b>Location of Center (7:00 PM)</b>
The center of the eye of Typhoon "ODETTE" was located based on all available data <b>over the coastal waters of San Vicente, Palawan or 85 km North of Puerto Princesa City (10.5°N, 118.7°E)</b>
<b>Intensity</b>
Maximum sustained winds of <b>150 km/h</b> near the center, gustiness of up to <b>205 km/h</b> , and central pressure of <b>960 hPa</b>
<b>Present Movement</b>
<b>Westward northwestward at 30 km/h</b>
<b>Extent of Tropical Cyclone Winds</b>
<b>Strong winds or higher</b> extend outwards up to <b>400 km</b> from the center



**TRACK AND INTENSITY FORECAST**

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 5:00 AM 18 December 2021	11.1	116.2	230 km East of Pag-asa Island, Kalayaan, Palawan	150	TY	WNW 25
<b>24-Hour Forecast</b> 5:00 PM 18 December 2021	11.8	113.3	125 km Northwest of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	155	TY	WNW 25
<b>36-Hour Forecast</b> 5:00 AM 19 December 2021	12.8	111.1	385 km West Northwest of of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	155	TY	WNW 20
<b>48-Hour Forecast</b> 5:00 PM 19 December 2021	13.9	110.2	535 km Northwest of of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	120	TY	NW 15
<b>60-Hour Forecast</b> 5:00 AM 20 December 2021	15.8	110.0	1,105 km West of Central Luzon (outside the PAR)	100	STS	N 20
<b>72-Hour Forecast</b> 5:00 PM 20 December 2021	17.7	110.4	1,060 km West of Northern Luzon (outside the PAR)	85	TS	NNE 20



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>3</b> (Destructive typhoon-force winds prevailing or expected within 18 hours)	<b>The northern portion of Palawan</b> ( <i>El Nido, Taytay, Araceli, Dumaran, Roxas, San Vicente, Puerto Princesa City</i> ) <b>including Kalayaan Islands</b>	-	-
<b>2</b> (Damaging gale- to storm-force winds prevailing or expected within 24 hours)	<b>The central portion of Palawan</b> ( <i>Narra, Sofronio Española, Quezon, Aborlan, Rizal, Brooke's Point</i> ) <b>including Calamian, Cuyo, and Cagayancillo Islands</b>	-	-
<b>1</b> (Strong winds prevailing or expected within 36 hours)	<b>The rest of Palawan</b>	-	-
Tropical Cyclone Wind Signals hoisted in areas that are no longer listed herein are hereby lifted.			



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#### HAZARDS AFFECTING LAND AREAS

##### Heavy Rainfall

- **Tonight:** Heavy to torrential rains over Palawan including Calamian, Cuyo, and Cagayancillo Islands. Moderate to heavy with at times intense rains over Bicol Region, Quezon, and the rest of MIMAROPA. Light to moderate with at times heavy rains over Cagayan Valley, Cordillera Administrative Region, Central Luzon, and the rest of CALABARZON.
- **Tomorrow:** Heavy to torrential rains over Kalayaan Islands. Moderate to heavy with at times intense rains over the eastern portion of Cagayan, Aurora, and Quezon. Light to moderate with at times heavy rains over Cordillera Administrative Region, Rizal, Bulacan, Bicol Region, mainland Palawan including Calamian Islands, and the rest of Cagayan Valley.
- Under these conditions, **scattered to widespread flooding (including flash floods) and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps, and in localities with significant antecedent rainfall.

##### Severe Winds

- **Destructive** typhoon-force winds will be experienced within any of the areas where TCWS #3 is in effect. This may bring moderate to heavy damage to structures and vegetation.
- **Damaging** winds reaching gale- to storm-force strength will be experienced within any of the areas where TCWS #2 is in effect. This may result in generally light to moderate damage to structures and vegetation.
- Strong winds (strong breeze to near gale) with higher gusts will be experienced within any of the areas where TCWS #1 is currently in effect during the passage of the typhoon. This may generally bring up to very light damage to structures and vegetation.

##### Coastal Inundation

Coastal areas of localities under TCWS may experience coastal flooding due to hazardous surf conditions.

#### HAZARDS AFFECTING COASTAL WATERS

- In the next 24 hours, moderate to very high seas (1.2 to 10.0 m) will be experienced over the seaboard of areas where TCWS is in effect (especially in the open sea areas). **These conditions are risky for all types of sea vessels.** Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Under the influence of Typhoon "ODETTE" and the prevailing Northeast Monsoon, a **Gale Warning remains in effect** for several coastal waters not under any wind signal, specifically the seaboard of Northern Luzon, and the eastern seaboard of the country. For more information, refer to Gale Warning #52 issued at 5:00 PM today.
- In the next 24 hours, moderate to rough seas (1.2 to 3.1 m) will also prevail over the remaining seaboard of the country that are not under any wind signal. **These conditions are risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

#### TRACK AND INTENSITY OUTLOOK

- While over the West Philippine sea, the typhoon is forecast to move west northwestward and may exit the Philippine Area of Responsibility tomorrow morning or early afternoon. "ODETTE" is forecast to pass in the vicinity of Kalayaan Islands tomorrow.
- Re-intensification is likely as ODETTE" moves over the West Philippine Sea. However, continuous weakening may ensue beginning Sunday as the typhoon becomes exposed to increasing vertical wind shear and the surge of the Northeast Monsoon.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 PM today.

DOST-PAGASA

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